

Sheet 1	of	1
---------	----	---

Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 112321.01			APPLICATION NO. 10/689,996			
INFORMATION DISCLOSURE STATEMENT									
(Use several sheets if necessary)		APPLICANT(S) Masatoshi YOSHIYAMA et al.							
				FILING DATE October 22, 2003			GROUP 2853		
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME		CLASS	SUB CLASS	
06	1	5,448,274	9/5/1995		Hirabayashi et al.	<u> </u>		7	
9	2	6,270,207	8/7/2001		Sasaki				
ar	3	2002/0140788	10/3/2002		Usui et al.				
		FOREIG	GN P.	ATENT DO	CUMENTS		1		
		DOCUMENT NUMBER		DATE	COUNTRY		CLASS	SUB CLASS	
(A)	4	JP 10-181037 w/Abstract and English Translation	7/7/1998		Japan				
,	5	JP 5-162301 w/Abstract	6/29/1993		Japan				
	6	JP 2000-71472 w/Abstract	3/7/2000		Japan				
Ø)	7	JP 2000-218811 w/Abstract	8/8/2000		Japan				
	<u> </u>	ļ	igspace				-		
			_	 					
		<u> </u>	<u> </u>						
	T	OTHER DOCUMENTS (In	cludi	ing Author,	Title, Date, Pertinent Pages, etc.	_			
i -									
									
	<u> </u>								
	\vdash						~		
						-			
EXAMINER	X	ager In the	-		DA*	E CONSI	DERED /9	2004	
Examiner: 4	nitial	if citation considered, whether or not on mance and not considered. Include copy	citatio	on is in co	nformance with M.P.E.P. 609;	draw line		tion if not in	

Date: September 21, 2004

Sheet 1 of 1



Form PTO-1449 US Dept. of Commerce (REV. 8-83) PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT			ATTY DOCKET NO. 112321.01		APPLICATION NO			
(Use several sheets if necessary)		APPLICANT(S) Masatoshi YOSHIYAMA, Atsushi MURAKAMI, Yoshio NAKAGAWA, Toyonori SASAKI						
		FILING I						
	U.S. PA	TENT DOC	JMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE NAME		:	CLASS	SUB CLASS		
								
					<u> </u>			
						:		
								
l .::	FOREIGN	PATENT DO	DCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTR	ιΥ	CLASS	SUB CLASS		
RA		7/21/1999	JAPAN		-			
VOV								
				·	<u> </u>	·		
· · · · · · · · · · · · · · · · · · ·	OTHER DOCUMENTS (Includ	ling Author,	Title, Date, Pertinent Page	s, etc.)	in			
			·	<u>.</u>		<u>.</u>		
		17.				- ,		
						:		
- 15-		······································	- , 	 .	· · · · · ·			
					 			
			**************************************	····		<u> </u>		
				· · ·				
EXAMINER	Lager Hardy		·	DATE CONSI	DERED 0/20	774		
Examiner: Ini	itial if citation considered, whether or not citati nformance and not considered. Include copy of the	on is in con	nformance with M.P.E.P.	609; draw line oplicant.		ion if not in		

Date: October 22, 2003